



Attorney Docket No. 0756-7213

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Hitomi USHITANI et al.

Serial No. 10/690,840

Filed: October 23, 2003

For: SEMICONDUCTOR APPARATUS
AND METHOD FOR
MANUFACTURING THE SAME

) Group Art Unit: 2825

) Examiner: G. Lee

) CERTIFICATE OF MAILING

) I hereby certify that this correspondence is
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) Adrian M. Stamps

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing information known to Applicant and requests that this information be made of record in the above identified application. Copies are submitted herewith in accordance with 37 C.F.R. 1.98(a).

The document, Junhong Chen et al., *Electron Density and Energy Distributions in the Positive DC Corona: Interpretation for Corona-Enhanced Chemical Reaction, Plasma Chemistry and Plasma Processing, Vol. 72, No. 2, June 2002* discloses the unit of " $\mu\text{A}/\text{cm}$ " for current density and makes reference to current density as high as $10 \mu\text{A}/\text{cm}$.

This Information Disclosure Statement is being submitted before the issuance of a first Office Action on the merits, therefore, no fee is required.

Respectfully submitted,

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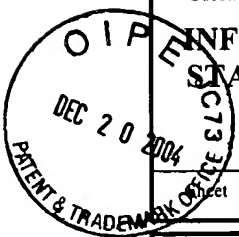
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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/690,840
				Filing Date	October 23, 2003
				First Named Inventor	Hitomi USHITANI et al.
				Group Art Unit	2825
				Examiner Name	G. Lee
Sheet 1	1	of	1	Attorney Docket Number	0756-7213

U.S. PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		J. Chen et al., <i>Electron Density and Energy Distributions in the Positive DC Corona: Interpretation for Corona-Enhanced Chemical Reactions</i> , Plasma Chemistry and Plasma Processing, Vol. 22, No. 2, June 2002, Pages 199-224.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.